

Table S1. Examples of optimal SVM model impact on TM output. The examples are from Figures 3 and S1. A residue is considered removed if an SVM model filtered out all abstracts mentioning this residue.

SVM model	PDB 3cki		PDB 3f7p		PDB 1m27		PDB 1zoq	
	CR ^a	IR ^b	CR	IR	CR	IR	CR	IR
MF50L	Gly119 B	Pro5B Ala11B	Arg239A	Arg1225C Lys1279C Arg1281C Ser1325C	Thr53A	Tyr132 C Trp119 C	Ser339A	-
AF138L	Gly119 B	Pro5B Val353A	Arg239A	-	-	Tyr132 C	Ser339A, Ser385A, Ser386A, Leu238A	-
AF24L	Gly119 B	Pro5B Ala11B Val353A	Arg239A	-	-	Tyr132 C	Ser339A, Ser385A, Ser386A, Leu238A	-

^a Correctly removed (non-interface residues)

^b Incorrectly removed (interface residues)